

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-093794

(43)Date of publication of application : 06.04.1999

(51)Int.Cl.

F02M 37/10
B60K 15/077
F02M 37/20

(21)Application number : 09-276405

(71)Applicant : HONDA MOTOR CO LTD

(22)Date of filing : 23.09.1997

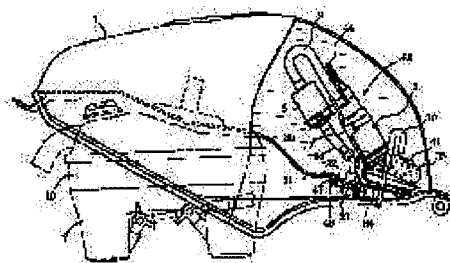
(72)Inventor : NAKAJIMA YASUSHI
TASAI MASAYUKI
ONO NOBUO
YOSHIKI HIROTO

(54) VEHICLE FUEL SUPPLY SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent the pulsating phenomenon by arranging a sponge-like adsorptive member between a strainer and the top end part of a fuel return pipe, and supplying a liquid fuel gas-liquid separated from the fuel adsorptive member even near the lower limit of the fuel.

SOLUTION: A stainless-made fuel adsorptive member 35 is arranged on a strainer. The fuel adsorptive member 35 is formed of a porous elastic body consisting of a stainless wire rod or strip material made into a coil shape, and it is formed so as to have a communicating cavity slightly large, compared with the size of the mesh in a wire gauze foreign matter removing filter provided in the strainer, and the gas included in the return fuel can be separated from the fuel liquid in the adsorptive process. The liquid fuel gas-liquid separated from the fuel adsorptive member 35 can be supplied even near the lower limit of the fuel, and the breathing phenomenon can be prevented.



LEGAL STATUS

[Date of request for examination] 27.10.2000

[Date of sending the examiner's decision of rejection] 25.11.2002

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3659453

[Date of registration] 25.03.2005

[Number of appeal against examiner's decision of rejection] 2002-24634

[Date of requesting appeal against examiner's decision of rejection] 20.12.2002

[Date of extinction of right]

